ONE YEAR CONTINUING INDEX

BEEF CATTLE

Use Bull Another Breed .....May 1963
In Good Beef Cattle Supplement ...May 1963
Life Cycle Beef Management .....July 1963
High Concentrate Beef Rations .....July 1963
How Fast Improve Beef Herds? ....July 1963
Faster Gains At Lower Cost .....Sept. 1963
Breeding For Gain .....Sept. 1963
Corn Silage for Fat Cattle .....Sept. 1963
Heritability Of Carcass Traits .....Sept. 1963
Worm Control In Beef Cattle .....Oct. 1963
Success With Beef-Cow Herd .....Oct. 1963
Facts, Fancies Crossbred Beef .....Oct. 1963
Cross Breeding .....Oct. 1963
What Cattle Feeding Method? .....Oct. 1963
How Do You Buy Feeders? .....Nov. 1963
Breeding Troubles In Beef Herd? ..Nov. 1963
Minerals, Vitamins For Beef Cattle .Nov. 1963
Englishman Visits U.S. Stockyard ..Nov. 1963
Purebreds and Health Problems ....Dec. 1963
C's For Feedlot Expansion .....Dec. 1963
Score Your Beef Herd Health .....Dec. 1963
Brakes On Feedlot Diseases .....Dec. 19 3
Ways To Boost Calf Crop .....Dec. 1963
How To Start Building A Beef Herd .Jan. 1964
What's Ahead For Beef Business ....Jan. 1964
Profit Tips From Feeders .....Jan. 1964
Milk Production Of Beef Cows .....Feb. 1964
Cloudy Areas of Ruminant Nutrition Mar. 1964
What Is Performance Pedigree? ....Mar. 1964
Customer Relations for Breeders ....Mar. 1964
Gadgets A Cow Can Buy? .....Mar. 1964

CONSERVATION AND TREE FARMING

Building A Farm Pond .....Sept 1963
Operating The Chain Saw .....Oct 1963
Tree Fertilization Improves Growth ..Oct. 1963
Tillage Can Conserve Soil & Wate .Nov 1963
Ponds Provide Fish .....Mar. 1964

CROPS

Cottons For Future .....May 1963
Hoe Gives Way To Weeder Geese ..May 1963
Still Pays To Plow .....May 1963
Control Soil Insects .....May 1963
Cut Crop Costs .....July 1963
Chemical Rotation — Crop Damage .July 1963
Ears of Corn Tell Story .....Sept. 1963
Does Seed "Run Out"? .....Sept. 1963
Flame Cultivation .....Sept. 1963
Ideas for Drying Crops .....Sept. 1963
Elegy To The Plow .....Sept. 1963
Are Your Crops Hungry? .....Sept. 1963
Corn Stalk Rots .....Oct. 1963
"Hired Out" Bees Boost Yields ....Oct. 1963
Don't Leave Profits In Field .....Oct. 1963
Moisture Test Your Ear Corn .....Oct. 1963
Grain Seed Growing His Specialty ..Oct 1963
Effect of Drying on Corn Feed Value Oct. 1963
New Ideas Cotton Planting .....Oct. 1963
What To Do About Birds .....Nov. 1963
Soil Bank and Grain Glut .....Jan. 1964
Think Big About Corn .....Feb. 1964
New Zone System For Corn .....Feb. 1964
How To Calibrate Planters .....Feb. 1964
Single Cross Hybrids .....Feb. 1964
How To Check Corn Yields .....Feb. 1964
Weather Risk During Harvest .....Feb. 1964
Should You Grow Continuous Corn? .Feb. 1964
Recognize Deficiency Symptoms .....Feb. 1964
Magic About Single Cross Hybrids? .Feb. 1964
Is Single Cross Corn Worth Cost? ...Mar. 1964
Hybrid Wheat Almost Here .....Mar. 1964

DAIRY CATTLE

How To Name A Cow .....May 1963
Milk Solid On Protein Content? ....May 1963
What Artificial Breeding Plan .....July 1963
Make $10,000 A Year Dairying ....July 1963
Dairymen Mark Calves .....July 1963
Milk Champs Need "Manager" ...July 1963
New Free-Stall Housing .....July 1
Stalls for Dairy Calves .....Sept. 1963
Sex of Calves from A.I. .....Sept. 1963
Guide for Culling Cows .....Sept. 1963
How Frequent Feed Dairy Heifers? .Sept. 1963
Troubled High Bacterial Count? ....Sept. 1963
Europe Makes High-Solids Milk ....Oct. 1963
Care For Cow At Calving .....Oct. 1963
Tips For Culling Dairy Herd .....Oct. 1963
Milking Machine and Mastitis ....Nov. 1963
Dairyman or Cow Milker? .....Nov. 1963
Analysis Three Milking Systems ... Nov. 1963
What's True Cost of Producing Milk Nov. 1963
Lumpy Jaw Heritable .....Dec. 1963
[illegible] Forms .....Dec. 1963
Bloat, What To Do .....Dec. 1963
Planned Health Disease Control ....Dec. 1963
Dehorning, Marking Calves .....Dec. 1963
Manage Health High Producing Cows Dec. 1963
Pink Eye In Cattle .....Dec 1963
How Is Milk Made? .....Jan. 1964
Should You Wean Dairy Calves Early Jan. 1964
Feed Each Cow What She Needs ..Jan. 1964
High Grain Feeding .....Feb. 1964
How You Rate As A Cow Man .....Mar. 1964
Breed Heifers By Age and Weight ..Mar. 1964
Real Cost To Produce Milk? .....Mar 1964
Feeding By Lead and Challenge ....Mar. 1964
Free Stall Dairy Housing .....Mar. 1964
Loafing Stalls For Dairy Cows .....Mar. 1964

FARM BUILDINGS AND EQUIPMENT

Trouble Free Grain Storage .....Sept. 1963
Get More For Building Dollars ....Nov 1963
Low Cost Method Preserve Fence Posts Jan. 1964
Will A Silo Unloader Pay? .....Feb. 1964
Five Systems For Handling Corn ....Feb. 1964
Bin Cool Dried Corn .....Feb. 1964
Equipment For Handling Livestock ..Mar. 1964

FARM MANAGEMENT

Farmers Need New Plan & Outlook .May 1963
Farm Records Necessary .....May 1963
Farmers In An Unfriendly World ...July 1963
Dutch Farmers Industrialize .....Sept 1963
How Big Should You Operate .....Sept. 1963
Will Abyssinean Kale Aid U.S? ...Sept. 1963
How Much Interest You Pay? .....Oct. 1963
Can You Afford Your Farm? .....Oct. 1963
Next 25 Years In Agriculture .....Nov. 1963
Recreationists! Now Just A Minute .Nov 1963
Prevent Court Room Catastrophe ....Jan. 1964
Get Set For Lower Prices .....Jan. 1964
How 1964 Shapes Up For Farmers ..Jan. 1964
Will A Silo Unloader Pay? .....Feb. 1964
The Russian Wheat Deal .....Feb. 1964
In Bank . . . Or In Surplus .....Mar. 1964
The Future Of Farming .....Mar. 1964

FARM EQUIPMENT & MACHINERY

Breaking In New Tractor .....May 1963
Know About Irrigation? .....July 1963
Use Hay Conditioner Efficiently ....July 1963

ONE YEAR CONTINUING INDEX

Farm Tire Care .....Sept. 1963
Elegy To The Plow .....Sept. 1963
Plow Adjustments Save Dollars ....Oct. 1963
Before You Buy Next Tractor .....Nov. 1963
How Much Afford To Mechanize? ...Dec. 1963
Pays To Win The Harvest Race .....Feb. 1964
How To Calibrate Your Planter .....Feb. 1964
Is Field Shelling For You? .....Feb. 1964
Best Way Destroy Corn Stalks .....Feb. 1964
Materials Handling Field To Storage Mar. 1964
"Most Abused Farm Machine" ....Mar. 1964

FEEDS

Feed Cost Per Dozen Eggs .....July 1963
Avoid Forage Feeding Problems ....July 1963
High Concentrate Rations .....July 1963
What Is Protein? .....Sept. 1963
Corn Silage Is King .....Oct. 1963
Net Energy Way to Reckon Rations Nov. 1963
Feeding Urea To Cattle, Sheep .....Jan. 1964
Beef Additives: How To Use .....Mar. 1964

FERTILIZERS

Carry-Over Fertilizer Important ....May 1963
Bulk Blending Fertilizers .....July 1963
Know Nutrient Deficiencies .....July 1963
Are Your Crops Hungry? .....Sept. 1963
Free Fertilization Improves Growth ..Oct. 1963
Take Advantage Fertilizer Carry-Over Nov. 1963
Ask Plants About NPK Needs .....Jan. 1964
Recognize Crop Deficiency Symptoms Feb. 1964
Big Three Plant Foods .....Mar. 1964
Time Nitrogen Application Important Mar. 1964

HAY AND HAY CROPS

Can't Afford Poor Forage .....May 1963
Cut Hay Early, Earn Bonus .....May 1963
Use Hay Conditioner Efficiently ....July 1963
How Good Is Your Hay? .....July 1963
Test Forage for Greater Profits ....Sept. 1963
Can You Afford Packaged Hay? ....Nov. 1963
Five Steps To Five Tons Of Alfalfa Nov. 1963
Dynamic New Age Of Hay .....Jan. 1964

HOGS

Early Wean For Heavier Weights ..May 1963
How Many Litters A Year .....May 1963
Limited Feeding Hogs .....July 1963
Sloping Floors Save Pigs .....July 1963
What Makes Better Pork Chop? ....Sept. 1963
Feeding Barrows, Gilts Separately ..Sept. 1963
Pigs Gain On Less Feed .....Sept. 1963
Feeding Meat-Type Hogs .....Oct. 1963
Wean Pigs By Weight, Not Age ....Oct. 1963
Starvation In New-Born Pigs .....Oct. 1963
Two Steps To Meat Type Hogs ....Nov. 1963
Why Some Pork Is Better .....Nov. 1963
Disinfection In Hog House .....Dec. 1963
Rhinitis Control .....Dec. 1963
Program To Save Baby Pigs .....Dec. 1963
Keep Healthy Pigs .....Dec. 1963
Swine Disease Control Chart .....Dec. 1963
Feeding SPF Pigs .....Jan. 1964
More Pigs From Sows .....Jan. 1964
Hanging Down Corn .....Feb. 1964
Limited Feeding Of Hogs .....Mar. 1964
Steps To Success With Hogs .....Mar. 1964
What Can Pay For Feeder Pigs .....Mar. 1964

PLANT DISEASES, INSECTS AND CONTROL

Flies and Farming .....July 1963
Applying Pesticides .....July 1963
Doings Of The Honey Bee .....July 1963
Insects, Profit Robbers .....Dec. 1963
Mix Pesticides Carefully .....Feb. 1964
About Corn Smut .....Feb. 1964
Corn Stalk and Root Rot .....Feb. 1964

PASTURES AND MANAGEMENT

Summer Annuals, Pasture Insurance .May 1963
Pasture Profit Pointers .....May 1963
Fertilize Pastures Well As Corn ...Nov. 1963
Tips For Top Pastures .....Jan. 1964

SHEEP AND GOATS

How To Analyze Sheep Droppings ..May 1963
Creep Feeding Lambs .....July 1963
Barley vs. Corn For Lambs .....Oct. 1963
Supplementing Your Lamb Crop ...Nov. 1963
Scabies In Sheep .....Dec. 1963
How Much Feed For Ewes .....Jan. 1964
Gleaning Cornfields With Lambs ....Feb. 1964
Feeding Lambs On Slatted Floors ...Mar. 1964

SILAGE

Make Low Moisture Silage .....May 1963
Silage Facts .....July 1963
Danger! Silo Gas .....Sept. 1963
Corn Silage for Fattening Cattle ...Sept. 1963
Ideas for Feeding Corn Silage .....Feb. 1964
Mature Corn Means More Silage ...Feb. 1964
Should You Feed Calves Silage? ....Feb. 1964

SOILS

Start Soil Building .....May 1963
Improved Drainage Boosts Yield ...May 1963
Impact of Soil Compaction .....Sept. 1963
How Serious Is Compaction .....Jan. 1964
Land Saving Parallel Terraces .....Jan. 1964
What Big Yields Do To Fertility ....Feb 1964
What Is A Soil Test? .....Mar. 1964

VETERINARY

Protect Livestock From Poisons .....July 1963
Immunizing Livestock .....Sept. 1963
Transmissible Gastroenteritis .....Sept. 1963
Culling Poultry Profitable .....Sept. 1963
Cause, Cure Atrophic Rhinitis .....Oct. 1963
Worm Control In Beef Cattle .....Oct. 1963
Care For Cow At Calving .....Oct. 1963
Mind How You Inject .....Nov. 1963
All About Warts .....Dec. 1963
Tetanus Or Lockjaw .....Dec. 1963
Diseases You Carry Into House .....Dec. 1963
Serious Diseases Of Dogs .....Dec. 1963
Best Ways Castrate .....Dec. 1963
Barnyard Babies Off To Good Start .Jan. 1964
Cystic Ovaries In Cattle .....Jan. 1964

MISCELLANEOUS

Farmers Should Travel More .....May 1963
Handle Insecticides With Care .....May 1963
Goals For Egg Producers .....May 1963
Science In Superstition .....July 1963
Editor Visits Brazil Farmers .....July 1963
Guns That Won West .....Sept. 1963
Combat Low Egg Prices .....Oct. 1963
Farming In Shadows of Manhattan .Oct. 1963
Here Lies The Body .....Oct. 1963
New Kind Farm Foreign Aid .....Oct. 1963
The Cowboy's Trademark .....Oct. 1963
How To Feel Happier, Faster .....Nov. 1963
First Aid, Pioneer Style .....Nov. 1963
Animal Disease Warfare .....Nov. 1963
House That Apples Built .....Dec. 1963
How To Start With Bees .....Jan. 1964
Farmers Need Better Public Relations Jan. 1964
Issues Of Day In Marketing .....Feb. 1964
Sideline Profits With Geese .....Mar. 1964